

ABSTRACT

A Fresnel lens sheet which is bright due to a small light quantity loss, is restricted in speckles and ghosts, does not produce moires, and can be used in an inexpensive transmitting screen, wherein the sheet satisfies the diffusion characteristics of the following expressions (1) and (2), or the following expressions (3), (4) and (5). $\gamma/\alpha \leq 2.8$ (1) $\zeta/\alpha \leq 6$ (2), where α is viewing half value angle, γ viewing 1/10 value angle, and ζ viewing 1/100 value angle. $2.0^\circ \leq \alpha \leq 5.5^\circ$ (3), where α is viewing half value angle, $\gamma \leq 12^\circ$ (4), where γ is viewing 1/10 value angle, $\zeta \leq 18^\circ$ (5), where ζ is viewing 1/100 value angle.